

## ABSTRACT OF THE DISCLOSURE

5 A pipette assembly (10) having a suction device (12 or 52) and a small volume disposable tip (14) having a capacity with a range of 0.1  $\mu$ l to 2.0  $\mu$ l, the disposable tip being removably secured to the suction device. The suction device is provided with a female tip receiver (38.2 or 78.1) which receives a disposable male tip (14). The tip is in the form of a short piece of extruded tubing. 10 The tubing has a very small i.d., for example 0.3 mm. It is preferably formed of Teflon®, or another hydrophobic material.